

# KERN FCE 15K5N

Entry-level bench scale – mobile, practical, lightweight

# KERN



## Construction

|                                      |                 |
|--------------------------------------|-----------------|
| Dimension housing (W×D×H)            | 270×323×110 mm  |
| Dimensions weighing platform (W×D×H) | 252×228×12,5 mm |
| Material housing                     | plastic         |
| Material weighing plate              | plastic         |
| Dimensions weighing surface (W×D)    | 253×228 mm      |

## Functions

|  |                |
|--|----------------|
| Number of keys for operation                                   | 2              |
| Auto-off interval(s) in mains power mode                       | off            |
| Auto-off interval(s) in battery mode/rechargeable battery mode | 3 min          |
| Tare function  | manual (multi) |
| Underfloor weighing  | None           |

## Power Supply

|   |                         |
|---|-------------------------|
| Input voltage power supply / power [Max]                                  | 220 V - 240 V AC, 50 Hz |
| Input voltage device / power [Max]  | 9 V, 300 mA             |
| Plug-in power supply type   | Power adapter           |
| Supplied power supply   | Power supply unit       |
| Plug-in power supply / adapter for countries - included with the delivery | EURO<br>UK<br>US<br>CH  |
| Plug-in power supply / adapter for countries - optional                   | EURO<br>UK<br>US<br>CH  |
| Rechargeable battery optional   | Rchrg. battery optional |
| Rechargeable battery charging time  | 10 h                    |
| Rechargeable battery operating time - backlight off                       | 20 h                    |
| Battery   | 9 V block               |
| Battery operating time  | 12 h                    |

## Environmental conditions

|                               |        |
|-------------------------------|--------|
| Humidity of environment [Max] | 80 %   |
| Ambient temperature [Min]     | 5 °C   |
| Ambient temperature [Max]     | 35 °C  |
| Storage temperature [Min]     | -20 °C |
| Storage temperature [Max]     | 60 °C  |

## Category

|                  |                  |
|------------------|------------------|
| Brand            | KERN             |
| Product category | Industrial scale |
| Product group    | Bench scale      |
| Product family   | FCE              |

## Measuring System

|                                |                                |
|--------------------------------|--------------------------------|
| Construction type of the scale | Single-range balance           |
| Weighing system                | Strain gauge                   |
| Weighing capacity [Max]        | 15000 g                        |
| Readability [d]                | 5 g                            |
| Resolution                     | 3.000                          |
| Linearity                      | ± 15 g                         |
| Reproducibility                | 10 g                           |
| Default unit                   | g                              |
| Units                          | g                              |
| Adjustment options             | Adjusting with external weight |
| Recommended adjusting weight   | 15 kg (M2)                     |
| Possible calibration points    | 15 kg                          |
| Stabilization time             | 3 s                            |
| Warm-up time                   | 10 min                         |
| Eccentric loading at 1/3 [Max] | 25 g                           |
| Maximum creep (15 minutes)     | 20 g                           |
| Maximum creep (30 minutes)     | 40 g                           |

## Approval

|         |   |
|---------|---|
| CE mark | ✓ |
|---------|---|

## Display

|                      |       |
|----------------------|-------|
| Display type         | LCD   |
| Display digit height | 25 mm |

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## Packing & Shipping

|                              |                |
|------------------------------|----------------|
| Readability force [d] (N)    | 1 d            |
| Dimensions packaging (W×D×H) | 400×330×180 mm |
| Net weight                   | 2,3 kg         |
| Shipping method              | Parcel service |
| Net weight approx.           | 2,4 kg         |
| Gross weight approx.         | 3,0 kg         |
| Shipping weight              | 4,8 kg         |

## Services (optional)

|   |         |
|---|---------|
| Article number for adjustment at the location of installation | 961-248 |
| Article number for DAkkS calibration                          | 963-128 |
| Article number for certificate of conformity (verification)   | 969-517 |

## Pictograms

### STANDARD



### OPTION

